

ABSTRACT

The invention concerns a microcontroller (30) intended to be incorporated in a portable object (1) of type smartcard, including at least:

- a contact stud (VCC) to supply the said microcontroller (30) with current; a data input and/or output contact stud (I/O); - an efficient data processing part (μ CE); and - confidential information. According to the invention, the microcontroller also includes: - means (GEN, CAP, COM) to vary the supply voltage of the efficient data processing part (μ CE), the said means being able to secure the said confidential data against current attacks.

Figure 5